

Date: Fri, 29 Apr 94 14:09:07 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #469  
To: Info-Hams

Info-Hams Digest                      Fri, 29 Apr 94                      Volume 94 : Issue 469

Today's Topics:

    \* SpaceNews 25-Apr-94 \*  
    2TFD (Terminated Folded Dipole) (2 msgs)  
    ARLP017 Propagation de KT7H  
    callsign server update  
    Canadian Reciprocity  
    CT9 - Contest Software  
    Drake L-4B amp & control cable questions  
    FCC Computers  
    FD Logging Software.  
    Help on ham headphones needed  
    KPC3 & GRAPHIC PACKET  
    mods for the disabled  
    QSL Route for SV9TM  
    Straight Key Night  
    Where it Satellite TV Program

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 29 Apr 94 16:48:31 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: \* SpaceNews 25-Apr-94 \*  
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC0425  
\* SpaceNews 25-Apr-94 \*

BID: \$SPC0425

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SpaceNews  
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MONDAY APRIL 25, 1994

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

\* AMSAT-UK COLLOQUIUM NEWS \*

=====

AMSAT-UK Colloquium Call for Papers

The ninth AMSAT-UK Colloquium will be held July 28, 29, 30 & 31 at the University of Surrey in Guildford, Surrey (England). This year's colloquium will be divided into four primary topic areas: Spacecraft Engineering, Future Space Missions, Groundstation and Spacecraft Operations and Associated Amateur Space Activities. Papers falling into these categories are sought for the event. Authors should submit abstracts to arrive no later than May 10, 1994 for consideration for this year's event. Papers accepted for this year's proceedings will be required in final form (camera ready or on disk) no later than June 10, 1994. Authors will be notified of paper acceptance by June 1.

Abstracts should be sent to:

Doug Loughmiller, G0SYX  
AMSAT-UK Colloquium Programme Chairman  
University of Surrey  
Centre for Satellite Engineering Research  
Guildford, Surrey  
GU2 5XH  
England

Submissions can also be made to the programme chairman via fax on +44 0483 259503 or via the Internet to: D.Loughmiller@ee.surrey.ac.uk. Abstracts and papers should only be sent to the addresses listed above.

The annual AMSAT-UK Colloquium is the largest international gathering of amateur satellite enthusiasts and experts in the world and has established a high standard of quality presentations on topics relevant to the amateur

satellite community. Organizers of this year's event would welcome all contributions of program material covering the vast scope of the amateur satellite program as it exists in 1994. The ninth AMSAT-UK colloquium promises to be the most informative and entertaining event yet. We look forward to your participation in this year's Colloquium.

[Info via F6CDD]

★ SAREX NEWS ★

=====

The following message from the STS-59 crew was received via SAREX by Dave, N6JLH in California:

We used the SAREX rig today to talk with 2 of our astronauts now stationed in Star City, near Moscow, and 2 cosmonauts. One of the astronauts was my friend and former STS-37 crewmate, Ken Cameron, R3/KB5AWP. Ken also got me into ham radio. It was terrific to hear his voice after several months corresponding by e-mail only! Linda, N5RAX and I and crewmate Kevin Chilton spoke to Ken and the cosmonauts including U6MIR, Anatoli Artsibartski, on two successive orbits. What a great way to use ham radio! They were standing near the Yuri Gagarin statue, using an HT with a 5/8 whip, standing on a car to increase their elevation!

73, Jay N5QWL 01:10 UTC 17 April 1994

★ VE7BQH MAKES DXCC ON 144 MHZ ★

=====

Heartiest congratulations to Lionel Edwards, VE7BQH, on becoming the fourth radio amateur to receive a DXCC award for 144 MHz, reported in May QST. What's more, Lionel did it with an antenna having forward gain of approximately 23.7 dBd, about 5 dB smaller than that of anyone else to have reached this exalted level of VHF DXing (so far, W5UN, KB8RQ and SM7BAE). The 336-element collinear array at VE7BQH is rotatable in the Z axis (polarization) as well as the normal X and Y axes (azimuth and elevation), which accounts for some of Lionel's outstanding results; his own operating ability, dedication and persistence over many years obviously contributed as well.

VE7BQH is perhaps best known as the ever-patient, ever-helpful net control station, premier technical advisor and chief schedule-arranger of the 2-meter EME Net, which meets each Saturday and Sunday on 14.345 MHz, a role he has filled without peer for many years. It's fair to say that without Lionel, 144 MHz EME would not have become anything like what it is today, and none of those using the mode could possibly have accomplished even a fraction of what they have done so far.

Congratulations, Lionel, thanks for everything and please keep up the great work you're doing for all of us!

[Info via Ray Soifer, W2RS]

★ GARC WORLD WIDE WEB SERVER NEWS ★

=====

The NASA Goddard Amateur Radio Club, Inc. in Greenbelt, Maryland has been working behind the scenes on projects that may benefit all amateur radio operators in general and perhaps AMSAT members in particular.

Astronaut Ron Parise, WA4SIR, has been beta testing a BBS which is accessible via the Internet through telnet and ftp, telephone modem, and packet radio (locally on 145.090 MHz and nonlocally through "packet wormholes"). With Ron's heavy STS-67 crew training as of late, Jim Blackwell N3KWU is picking up much of the work to complete the beta phase.

The BBS contains Keplerian orbital elements updated daily, AMSAT bulletins, SAREX bulletins, club member mail service, club announcements, space shuttle mission info and lots more.

Access via Internet: [wa3nan.gsfc.nasa.gov](http://wa3nan.gsfc.nasa.gov) or 128.183.105.17

via landline: 301-286-4137

via packet: see above parenthetical

Additionally, the Goddard Amateur Radio Club has a home page for public viewing on the GARC World Wide Web server. It contains the latest GARC Newsletter in electronic form, latest space shuttle keps, GARC calendar of events, details of upcoming club activities, current WA3NAN QSL card, club facility-repeater-BBS info, a morse code experiment and more.

WWW access URL:

<http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html>

The GARC Web server was developed and is maintained by club president Jim Blackwell N3KWU ([n3kwu@amsat.org](mailto:n3kwu@amsat.org)). You are invited to check out its potential. This medium is the hottest item on the Internet today.

73, Pat WD8LAQ      Internet: [wd8laq@amsat.org](mailto:wd8laq@amsat.org)

Work URL: <http://epims1.gsfc.nasa.gov/nppo/nppo.html>

★ THANKS! ★

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Thanks to all those who sent messages of appreciation to SpaceNews, especially:

AJ1R      KS2D      KE4CIL      KD6RGW      G7MZY

...and Terry Stader, KA8SCP, the America Online Ham Radio Club Host, who makes SpaceNews bulletins available in the Ham Radio Club's Space Radio News Library on America Online. According to Terry, SpaceNews is downloaded quite frequently.

★ FEEDBACK/INPUT WELCOMED ★

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Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

FAX        : 1-908-747-7107  
PACKET    : KD2BD @ N2KZH.NJ.USA.NA  
INTERNET : kd2bd@amsat.org

MAIL       : John A. Magliacane, KD2BD  
            Department of Engineering and Technology  
            Advanced Technology Center  
            Brookdale Community College  
            Lincroft, New Jersey 07738  
            U.S.A.

<<-- SpaceNews: The first amateur newsletter read in space! -=>>

/EX

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John A. Magliacane, KD2BD    \* /\ /\ \* Voice    : 1-908-224-2948  
Advanced Technology Center | /\ /\ /\ | Packet   : KD2BD @ N2KZH.NJ.USA.NA  
Brookdale Community College | /\ /\ /\ | Internet: kd2bd@ka2qhd.ocpt.ccur.com  
Lincroft, NJ 07738           \* /\ /\ \* Morse    : -.- -.. ..--- -... -..

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Date: 29 Apr 94 17:26:26 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: 2TFD (Terminated Folded Dipole)  
To: info-hams@ucsd.edu

Does anyone have any experience with the 2TFD (terminated tilted folded dipole) antenna ?

I have in the past experimented with this antenna, but I'd like to try this one again. Some say it's nothing more than a radiating dummy load, but it does have some merit. There are articles about

this topic in Tech Corr. May 94 QST, in "Practical Wire Antennas" an RSBG publication and in Jun QST 1949. It's not the most effecient, but does have merit for a reasonable compromise as a frequency agile antenna.

Does anyone out there in radioland have access to old QST's ? I'd like to get a photocopy of Jun 1949 QST pages 54-55. What I'm trying to determine is what is the recommended antenna position angle with respect to the horizontal for best performance. In the RSBG book by G3BDQ, an angle of 30 degrees from the VERTICAL is recommended. This may be an error in that text. It seems as if it should be 30 degrees down tilt from the HORIZONTAL. Any ideas out there ?

Seth T. KC2WE

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Date: 29 Apr 1994 18:03:58 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!  
vixen.cso.uiuc.edu!usenet@network.ucsd.edu  
Subject: 2TFD (Terminated Folded Dipole)  
To: info-hams@ucsd.edu

In <9404291726.AA02038@tix.timeplex.com>, taylor@tix.timeplex.COM (Seth Taylor) writes:

>Does anyone have any experience with the 2TFD (terminated tilted  
>folded dipole) antenna ?

We used this antenna at SP8KIT in 1970s. Tuned well but the performance was unspectacular. I think time for such antennas has already passed.

In the past it was desirable to have antenna that could be tuned with the Pi-filter, built into virtually every rig. If the antenna had impedance much out of the Pi-filter range, the antenna could not be matched or the second capacitor in the filter sparked. G5RV was one of such antennas that usually worked fine with Pi-filters.

Now that almost everyone has an antenna tuner that tunes much wider range of impedances than the Pi-filter, one cares more about smaller losses. So eliminate that resistor in T2FD, substitute the coaxial cable in G5RV by extending the ladder line etc.Perhaps the rule is not universal. One has a resistor in rhombic antennas to attenuate one direction.

Ignacy Misztal                      Ham radio: N09E, SP8FWB  
E-mail: ignacy@uiuc.edu  
University Of Illinois              1207 W. Gregory Dr., Urbana, IL 61801, USA  
tel. (217) 244-3164                  Fax: (217) 333-8286

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Date: Fri, 29 Apr 1994 17:40:38 GMT  
From: ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-server.caltech.edu!news.claremont.edu!paris.ics.uci.edu!csulb.edu!csus.edu!netcom.com!marcbg@network.ucsd.edu  
Subject: ARLP017 Propagation de KT7H  
To: info-hams@ucsd.edu

ZCZC AP31  
QST de W1AW  
Propagation Forecast Bulletin 17    ARLP017  
>From Tad Cook, KT7H  
Seattle, WA    April 29, 1994  
To all radio amateurs

SB PROP ARL ARLP017  
ARLP017 Propagation de KT7H

With steadily decreasing geomagnetic activity, HF conditions improved considerably last week. A indices dropped below ten and remained in the single digits. Solar activity was low, but the quieter geomagnetic conditions made propagation much better.

Unfortunately, a return to active geomagnetic conditions is forecast for the near term. Returning coronal holes rotating back into view on the solar surface are expected to throw HF bands into havoc over the next few days. Disturbed conditions should gradually decline after May 1, but may not reach normal until the middle of May. Solar flux should rise gradually, peaking near 100 around May 7 through 11.

Sunspot Numbers from April 21 through 27 were 53, 64, 54, 72, 60, 50 and 58, with a mean of 58.7. 10.7 cm flux was 86.7, 85.4, 85.2, 83.4, 82.8, 81 and 78, with a mean of 83.2.

The path projection for this week is a special Hamvention edition for Saturday, April 30 from the Hara Arena in Dayton, Ohio to Honolulu, Hawaii.

80 meters should be open from 0430 to 1130z. Conditions should peak around 0630 and remain strong until 1030. 40 meters looks good from 0400 to 1200, peaking from 0530z to 1000. Check 30 meters from 0300

to 0800, and again from 1100 to 1400. 20 meters should be open from 0100 to 0530. Check 20 again around 1500 to 1600. 17 meters may have an opening around 2000 to 2200. 10, 12 and 15 meters do not look good this weekend.

NNNN

/EX

--

Marc Grant

Home: marcbg@netcom.com

Telephone: 214-205-4593

Office: marcbg@esy.com

Amateur Radio N5MEI

"The road to enlightenment is chuck full o' potholes"

-----  
Date: 29 Apr 1994 13:29:01 -0500

From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!

howland.reston.ans.net!cs.utexas.edu!not-for-mail@network.ucsd.edu

Subject: callsign server update

To: info-hams@ucsd.edu

References: <Cox4wx.H2s@acsu.buffalo.edu>

bowen@cs.buffalo.edu (Devon E Bowen) writes:

>I updated the callsign server today. Thanks to donations by Dave Koberstein  
>and H Grant Delaney we have new US and Canadian data. I have also been given  
>Newfoundland data and the UK data and even a little (very little) Japanese

Newfoundland has a separate database? Sheesh, they entered Confederation in 1949, you'd think that would be enough time to be assimilated ...

Add my name (and my club) to the list of thank yous.

(BTW, the latest call I found was Oct. 12.)

73,

Peter Laws, N5UWY - V31WY

President,

Amateur Radio Club,

University of Arkansas / W5YM

Peter Laws <plaws@comp.uark.edu>

|>>

University of Arkansas

<<

n5uwy@ka5bml.#nwar.ar.usa.noam

|>>

Home of the NCAA Champion Razorbacks <<



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Date: Fri, 29 Apr 1994 03:40:43 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!math.ohio-state.edu!  
cyber2.cyberstore.ca!nntp.cs.ubc.ca!suncad.camosun.bc.ca!freenet.victoria.bc.ca!  
freenet.Victoria.BC.CA!un111@network.ucsd.  
Subject: Canadian Reciprocity  
To: info-hams@ucsd.edu

I recently moved to Canada from Kansas, but am unsure of the reciprocity issue. I have a General Class U.S. license (N0LKI) -- do I have the same privileges (band and emission limits, etc) here in Canada as I would in the states?

There're probably other ways to find this information, but I had to leave most of my library, including most amateur books, back in the states.

Thanks for any help, either posted here or e-mailed to me.

--

Jay Brown; un111@freenet.victoria.bc.ca

When you say something, make sure you have said it. The chances of your having said it are only fair. -- E.B. White.

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Date: 29 Apr 1994 16:10:49 GMT  
From: pa.dec.com!datum.nyo.dec.com!nntpd.lkg.dec.com!usenet@decwrl.dec.com  
Subject: CT9 - Contest Software  
To: info-hams@ucsd.edu

In article <2pps9j\$ase@search01.news.aol.com>, wx9b@aol.com (WX9B) writes:

> I'm trying to get ahold of the CT9 software package for Field Day. Does anyone  
> know how I can connect with it. Prodigy RNDD60A or here

CT9 is a commercial offering by K1EA Software and Harvard Radio, Inc.  
Version 9 will be available for the first time at Dayton.

There is a mailing list devoted to discussion of K1EA's CT software:

CT-USER@mlo.dec.com

Send a message to CT-USER-REQUEST@mlo.dec.com to get information about subscribing.

There was a posting to the CT-USER within the last month or so

describing CT9 features and costs, etc. There is an archive of files and old mail messages available when you join the CT-USER list.

73 - Jim AD1C (CT-USER list maintainer)

--

Jim Reisert AD1C                      Internet: reisert@mlo.dec.com  
Digital Equipment Corp.              UUCP: ...decwrl!mlo.dec.com!reisert  
146 Main Street - ML05-2/M16      Voice: 508-493-5747  
Maynard, MA 01754              FAX: 508-493-0700

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Date: 23 Apr 1994 21:04:18 GMT  
From: tymix.Tymnet.COM!niagara!flanagan@uunet.uu.net  
Subject: Drake L-4B amp & control cable questions  
To: info-hams@ucsd.edu

In article <slayCoMo2r.CH9@netcom.com> slay@netcom.com (Sandy Lynch) writes:  
>I acquired the amp a few months ago - but have kept it in storage.  
>Apparently, it was not powered up for at least 3-4 years. Although  
>it is cosmetically perfect .... I am somewhat concerned about the  
>reliability of the filter capacitors.

I recently sold a complete Drake station that had not been powered up for over twenty years--it included an L-4B. The new owner brought everything up slowly with a variac over a period of four hours. At last report, everything was working perfectly...including the L-4B. Your milage may vary. :-)

Dick

--

Dick Flanagan, W6OLD                      w6old@n6qmy.#nocal.ca.usa.na  
Libelle Productions, Minden, NV, USA      dick@libelle.com  
Voice: +1 702 782 0806                      GEnie: FLANAGAN

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Date: 29 Apr 94 18:06:18 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: FCC Computers  
To: info-hams@ucsd.edu

DOESN'T ANYONE >> READ << POSTINGS TO THIS NEWSGROUP??

Numerous times over the past year there have been postings about the FCC contract to replace their present Ham-License-Computer system with networked workstations. And within the past week a posting mentioned that the change-

over is now imminent.

A little more READING of newsgroup postings would do wonders. As would  
\*\*\*\*\* line removed on second thought !!!!! \*\*\*\*\*

73 de w3otc@amsat.org

-----  
Date: 29 Apr 94 18:41:00 GMT  
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!swrinde!news.uh.edu!elroy.uh.edu!  
st3qi@ucbvax.berkeley.edu  
Subject: FD Logging Software.  
To: info-hams@ucsd.edu

I am looking for field day logging software that runs on an XT machine.  
I have KB0ZP Logger, but doesn't want to seem to work. Any suggestions?  
BTW, it runs fine on my PC-AT machine.

-Brad Killebrew N5LJV  
-st3qi@jetson.uh.edu  
-President, Univ of Houston ARC

-----  
Date: Fri, 29 Apr 1994 14:30:42 GMT  
From: yale.edu!cs.yale.edu!ccsua.ctstateu.edu!white@yale.arpa  
Subject: Help on ham headphones needed  
To: info-hams@ucsd.edu

I'm looking for methods to reduce brain-strain on HF....NOISE.  
Does anyone have any experience with the ham headphones (small  
dynamic range) vs stereo headphone? Do they make a difference?

Regards

N1QVE

Harry

-----  
Date: Fri, 29 Apr 94 12:28:00 -0500  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!  
europa.eng.gtefsd.com!ulowell!wang!dsn!gary.nalen@network.ucsd.edu  
Subject: KPC3 & GRAPHIC PACKET  
To: info-hams@ucsd.edu

Hi name is Gary..

I need some help setting up Graphic Packet with my KPC3..

I need a copy of The CONFIG.GP file so that i can incorporate the

correct parameters into mine..  
Thanks for reading this cry for help..  
I have the tfpcr.com and did use and switched my tnc into kiss mode  
but didn't have any luck..  
73 de Gary

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Date: 29 Apr 1994 13:06:28 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!  
newsrelay.iastate.edu!news.iastate.edu!kenman@network.ucsd.edu  
Subject: mods for the disabled  
To: info-hams@ucsd.edu

Several people have posted recently requesting information on radio  
modifications for the disabled radio enthusiast.

The May issue of Monitoring Times has an article that includes several  
addresses of organizations that will help.

I haven't read the article yet - so that's all I know right now.

Ken, NOZEM  
(fellow wheelchair user)

--  
Ken Anderson    NOZEM            Kenman@iastate.edu        PH: 515.294.8996  
126 Soil Tilt Bldg., Iowa State University, Ames, Iowa 50011

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Date: 29 Apr 1994 06:51:24 -0700  
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!wupost!udel!  
news2.sprintlink.net!news.sprintlink.net!connected.com!connected.com!not-for-  
mail@network.ucsd.edu  
Subject: QSL Route for SV9TM  
To: info-hams@ucsd.edu

Worked SV9TM during the ARRL DX Contest in February. Can't seem  
to find a QSL route for him. W6GO shows blank. Anyone have a  
route for this station?

Replies here appreciated.

Thanks and 73.

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Jeff Freedman            Tacoma, Washington            jfreedmn@hebron.connected.com  
                         You come on here with a skull full of mush ...  
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-----  
Date: 29 Apr 1994 14:08:30 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!  
vixen.cso.uiuc.edu!bradley.bradley.edu!augustana.edu!gganderson@network.ucsd.edu  
Subject: Straight Key Night  
To: info-hams@ucsd.edu

This is forwarded. Hope you can participate.

----- CWIST -----

QST QST QST DE NA4G NA4G NA4G BT  
290345UTC APR 94  
FM NA4G  
TO ALL CW OPS WORLDWIDE BT  
CWIST FRIDAY NIGHT FIST FUNCTION  
QSW/QSX 3702.5/7102.5KHZ 0400UTC 30/APR/94.  
GET ON THE AIR AND ENJOY A PLAIN CW EVENING ON THE 40/80 METER BANDS.  
USE A REAL HAND KEY.  
CALL CWIST IMI DE YOURCALL.  
ENJOY OLD-TIME AMATEUR RADIO AND TRY SOME FRIENDLY BRASS POUNDING.  
EXCHANGE MORE THAN RST QTH AND NAME.  
HELP ALONG THE NEW HAMS ON CW.  
TELL A FAIR YARN OR TWO AMONG FELLOW CWISTS AND RAGCHEW A WHILE.  
TELL SOME HISTORY ABOUT THE OLD-TIME DAYS AND YOUR EXPERIENCES IN RADIO.  
USE BOATANCHOR GEAR IF YOU HAVE IT AVAILABLE OR WHATEVER YOU HAVE.  
SEE YOU THERE OM.  
73 TU SU DE NA4G BOB AR

\*\*\*\*\*  
Kevin L. Anderson,            Geography Dept.,            Augustana College  
Rock Island, Illinois    61201    USA            phone: (309) 794-7325  
e-mail: gganderson@augustana.edu or kla@helios.augustana.edu  
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Date: 29 Apr 1994 14:06:38 -0500  
From: ihnp4.ucsd.edu!swrinde!gatech!udel!news2.sprintlink.net!news.sprintlink.net!

sashimi.wwa.com!not-for-mail@network.ucsd.edu  
Subject: Where it Satellite TV Program  
To: info-hams@ucsd.edu

I heard of a ham radio program aired on sat. TV some time ago. Now that  
I have a dish, I would like to watch it, but now I can't find the info on it!

TNX DE KA9RVK Ken Linder askw11@sashimi.wwa.com

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End of Info-Hams Digest V94 #469  
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